



## MATERIAL SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product name:** Loctite 268 High Strength Threadlocker Stick

**Product-Code:** 525717 (19 g)

**Intended use:** Anaerobic adhesive

**Supplier:**

HENKEL AUSTRALIA PTY. LIMITED  
ADHESIVE TECHNOLOGIES  
135-141 Canterbury Road  
3137 Kilsyth, Victoria

Australia

Phone: +61 (3) 9724 6444

**Emergency information:** 24 HOUR EMERGENCY CONTACT NUMBER 03 9724 6556

### SECTION 2. HAZARDS IDENTIFICATION

**STATEMENT OF HAZARDOUS NATURE:**

Hazardous according to the criteria of ASCC.

Classification of material Xi - Irritant

**Risk phrases:**

R36/37/38 Irritating to eyes, respiratory system and skin.

**Safety phrases:**

S23 Do not breathe fumes.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Dangerous Goods information:**

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**Signal word:**

HAZARDOUS

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Identity of ingredients:**

| Chemical ingredients                              | CAS-No.     | Proportion |
|---|-------------|------------|
| Polyethylene glycol 200 dimethacrylate            | 25852-47-5  | 30 - 60 %  |
| 2-Propenoic acid, 2-methyl-, (1-methylethylidene) | 24448-20-2  | 10 - 30 %  |
| 2-[[[(Phenylamino)carbonyl]oxy]ethyl methacrylate | 51727-47-0  | 10 - 30 %  |
| Silica, amorphous, fumed, crystal-free            | 112945-52-5 | < 2 %      |
| Saccharin   | 81-07-2     | < 2 %      |
| Cumene hydroperoxide                              | 80-15-9     | < 1 %      |



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### SECTION 4. FIRST AID MEASURES

|                              |  |
|------------------------------|--|
| <b>Ingestion:</b>            | Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.<br>Seek medical advice.                     |
| <b>Skin:</b>                 | Rinse with running water and soap.<br>Seek medical advice.   |
| <b>Eyes:</b>                 | Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.            |
| <b>Inhalation:</b>           | Should not be a problem as product is of low volatility. However, if feeling unwell remove patient to fresh air. |
| <b>First Aid facilities:</b> | Eye wash and safety shower   |

### SECTION 5. FIRE FIGHTING MEASURES

|  |  |
|--|--|
| <b>Suitable extinguishing media:</b>                   | Carbon dioxide, foam, powder<br>Fine water spray   |
| <b>Improper extinguishing agent:</b>                   | None known   |
| <b>Particular danger in case of fire:</b>              | In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO <sub>2</sub> ) can be released.<br>In case of fire, keep containers cool with water spray. |
| <b>Special protective equipment for fire-fighters:</b> | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.   |

### SECTION 6. ACCIDENTAL RELEASE MEASURES

|   |  |
|---|--|
| <b>Personal precautions and emergency procedures:</b> | Avoid skin and eye contact.<br>Ensure adequate ventilation.                    |
| <b>Environmental precautions:</b>                     | Waste disposal with the approval of the responsible local authority.           |
| <b>Clean-up methods:</b>                              | For small spills wipe up with paper towel and place in container for disposal. |

### SECTION 7. HANDLING AND STORAGE

|                                       |  |
|---------------------------------------|--|
| <b>Precautions for safe handling:</b> | Use only in well-ventilated areas.<br>Avoid skin and eye contact.<br>Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation. |
| <b>Conditions for safe storage:</b>   | Ensure good ventilation/extraction.<br>Store in a cool, well-ventilated place.   |



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### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### National exposure standards:

| Ingredient  | form of exposure     | TWA (ppm) | TWA (mg/m3) | Peak Limit. (mg/m3) | STEL (ppm) | STEL (mg/m3) |
|---|----------------------|-----------|-------------|---------------------|------------|--------------|
| FUMED SILICA (RESPIRABLE FRACTION)<br>112945-52-5 | Respirable fraction. |           | 2           | -                   | -          | -            |

#### Engineering controls:

No specific ventilation requirements noted, but forced ventilation may still be required if concentrations exceed occupational exposure limits.

#### Eye protection:

Wear protective glasses.

#### Skin protection:

Wear suitable protective clothing.  
The use of chemical resistant gloves such as Nitrile are recommended.

Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced.

#### Respiratory protection:

If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

|                             |  |
|-----------------------------|--|
| Appearance:                 | red<br>wax   |
| Odor:                       | mild   |
| Specific gravity:           | 1.0687   |
| Boiling point:              | > 149 °C (> 300.2 °F)                                      |
| Density:                    | 1.07 g/cm3   |
| Solubility:                 | Solvent: Water, Slight<br>Solvent: Acetone, Not applicable |
| VOC content<br>(1999/13/EC) | < 3 %  |

### SECTION 10. STABILITY AND REACTIVITY

#### Stability:

Stable under normal conditions of temperature and pressure.

#### Conditions to avoid:

Keep away from heat, ignition sources and incompatible materials.

#### Incompatible materials:

Strong oxidizing agents.

#### Hazardous decomposition products:

Irritating organic vapours.  
Oxides of sulfur.  
Oxides of carbon.  
Oxides of nitrogen.

#### Hazardous polymerization:

Will not occur.



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### SECTION 11. TOXICOLOGICAL INFORMATION

#### HEALTH EFFECTS:

|                    |  |
|--------------------|--|
| <b>Ingestion:</b>  | Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea. |
| <b>Skin:</b>       | This product is irritating to the skin.  |
| <b>Eyes:</b>       | Contact with eyes can cause eye irritation.  |
| <b>Inhalation:</b> | May cause respiratory tract irritation.  |

|                      |                                 |                             |
|----------------------|---------------------------------|-----------------------------|
| Acute oral toxicity: | Saccharin<br>81-07-2            | LD 50 (Mouse) = 17 g/kg     |
|                      | Cumene hydroperoxide<br>80-15-9 | LD L0 (Mouse) = 5,000 mg/kg |

### SECTION 12. ECOLOGICAL INFORMATION

|  |  |
|--|--|
| <b>General ecological information:</b> | Do not empty into drains / surface water / ground water.<br>In the cured state contribution of this product to Environmental Hazards is insignificant in comparison to articles in which it is used. |
| <b>Mobility:</b>                       | Cured adhesives are immobile.  |

### SECTION 13. DISPOSAL CONSIDERATIONS

|  |  |
|--|--|
| <b>Waste disposal of product:</b>      | Dispose of in accordance with local and national regulations.<br>Contribution of this product to waste is very insignificant in comparison to article in which it is used  |
| <b>Disposal for uncleaned package:</b> | After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.<br>Disposal must be made according to official regulations. |

### SECTION 14. TRANSPORT INFORMATION

#### Road and Rail Transport:

|                              |  |
|------------------------------|--|
| Dangerous Goods information: | Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code). |
|------------------------------|--|

#### General information:

Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

### SECTION 15. REGULATORY INFORMATION

|                                |   |
|--------------------------------|---|
| <b>SUSDP Poisons Schedule:</b> | None  |
| <b>AICS:</b>                   | All components are listed or are exempt from listing on the Australian Inventory of Chemical Substances (AICS). |



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### SECTION 16. OTHER INFORMATION

**Abbreviations/acronyms:**

ADGC - Australian Dangerous Goods Code  
ASCC - Australian Safety and Compensation Council  
SUSDP - Standard for the Uniform Scheduling of Drugs and Poisons  
STEL - Short term exposure limit  
TWA - Time weighted average

**Date of previous issue:**

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**Disclaimer:**

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